

**APPENDIX I
TO
IMPLEMENTING ANNEX A**

**EXCHANGE OF TOPOGRAPHIC PRODUCTS, DATA, PUBLICATIONS,
AND RELATED GEOSPATIAL INFORMATION AND SERVICES
MATERIALS**

1. The National Geospatial-Intelligence Agency (NGA) shall provide, free of charge, the following NGA produced hard copy/digital topographic products, data, publications, and related Geospatial Information and Services (GIS) materials to the Ministry of Defence (MoD). Current editions shall be provided initially, if required. Thereafter, new editions or applicable amendments shall be provided in like quantities. Maps produced and maintained by the Republic of Latvia, or third party countries, are not included. Digitized versions (ADRG, CADRG, etc.) of these products shall be provided upon request if otherwise available and releasable.

1.1. Hard Copy Products:

1.1.1. On request, six (6) copies of each current and future edition of the large scale topographic products in the following series, over the territory of Latvia:

N701

N752

1.1.2. Six (6) copies of each current and future edition of the following small scale maps:

Series 1209 (EUROPE), GNC04, JNC010, ONCD02, ONCD03,
ONCE03, TPCD02C, TPCD03D, TPCE03B

1.2. Reproduction Material: One (1) set of digital reproduction material for all NGA-produced products furnished under paragraph 1.1. above, upon request.

1.3. Publications, related GIS materials and Geographic Names Data: Two (2) copies each of the following and, if available, one (1) copy each on CD-ROM or DVD, automatically:

1.3.1. Current and future releasable catalogs, technical publications, instructions and specifications related to the topographic products, data, and related GIS material identified in Implementing Annex A.

1.3.2. The existing NGA/US Board on Geographic Names (US BGN) Gazetteer of the Republic of Latvia and gazetteers relevant to the topographic products specified in paragraph 1.1. above, or a hard-copy listing of geographic names data from the NGA/US BGN Geographic Names Database, or in CDROM format; current NGA/US BGN principles, policies and procedures for the selection and standardization of geographic names; and, any other geographic names information as mutually agreed upon.

2. The Ministry of Defence (MoD) shall provide, free of charge, the following MoD-produced hard copy/digital topographic products, data, publications, and related Geospatial Information and Services (GIS) materials to NGA. Current editions shall be provided initially, if required. Thereafter, new editions or applicable amendments shall be provided in like quantities.

2.1. Topographic Products:

2.1.1. Six (6) copies of each current and future edition of the large, medium and small scale topographic products in the following series, automatically:

N756

Series 1501/1501-A Joint Operations Graphics, over the territory
of Latvia

City Graphics

2.1.2. Hard copy and/or digital data of all products generated by the Geographic Information Service, Latvian National Armed Forces Headquarters

2.2. Reproduction Material: One (1) set digital reproduction material for all MoD-produced topographic products furnished under paragraph 2.1. above, upon request. Whenever such reproduction material is provided, two (2) hard copies of the product shall be furnished as well.

2.3. Publications, related GIS materials and Geographic Names Data: Two (2) copies each of the following MoD publications covering the sovereign territory of the Republic of Latvia:

2.3.1. Current and future catalogs, technical publications, instructions and specifications related to the topographic products, data, and related GIS material identified in Implementing Annex A, produced by MoD.

2.3.2. Indices for all MoD products.

2.3.3. Updated geographic names information in the following order of preference:

CDROM or DVD (preferred)

Hardcopy printout from a names database;

Hardcopy gazetteer

2.3.4. Listings of all MoD publications related to cartography, geodesy, geography, toponymy, photogrammetry, and progress reports on production capabilities.

2.3.5. An official description, including graphics if available, of the international boundaries of the Republic of Latvia.

2.3.6. An official listing, with graphics if available, describing the administrative -territorial structure of the Republic of Latvia.

**APPENDIX II
TO
IMPLEMENTING ANNEX A**

**CO-PRODUCTION AND EXCHANGE OF
DIGITAL TERRAIN ELEVATION DATA (DTED®)**

1. NGA shall automatically provide, free of charge to the Ministry of Defence (MoD), the material listed below:

1.1. One (1) copy each of NGA-produced latest edition DTED® Level-1 one-degree cells over the sovereign territory of the Republic of Latvia, and other geographic areas as determined as available and releasable. Future levels of DTED® shall be considered if release is authorized by the Department of Defense of the United States of America.

1.2. Two (2) copies each of NGA technical publications, instructions, specifications and standards (including revisions/changes) related to DTED®, upon request.

1.3. One (1) copy each of relevant releasable applications software and the format and media requirements for the production/finalization of one-degree cells.

2. The Ministry of Defence (MoD) shall:

2.1. Automatically provide free of charge to NGA the material listed below:

2.1.1. One (1) copy each of the latest edition of DTED® Level-1 cells produced by or acquired by or for MoD.

2.1.2. Four (4) copies each of MoD technical publications, instructions, specifications and standards (including revisions/changes) related to digital elevation data and related materials.

2.1.3. One (1) copy each of relevant releasable applications software and the format and media requirements for the production/finalization of digital elevation data.

2.2. Use the latest NGA DTED[®] specifications for all MoD recompilation and/or updates to DTED[®] cells provided by NGA.

2.3. Use the latest NGA DTED[®] specifications for all MoD production of new DTED[®] Level-1 cells over the sovereign territory of the Republic of Latvia, or other specified areas.

**APPENDIX III
TO
IMPLEMENTING ANNEX A**

**CO-PRODUCTION AND EXCHANGE OF
ARC DIGITIZED RASTER GRAPHICS (ADRG)/
COMPRESSED ARC DIGITIZED RASTER GRAPHICS (CADRG)**

1. The National Geospatial-Intelligence Agency (NGA) shall:

1.1. Upon request, provide free of charge to the Ministry of Defence (MoD), the material listed below:

1.1.1. One (1) copy each of NGA-produced latest edition ADRG/CADRG data or related raster digital data over the area of interest defined by products exchanged under paragraphs 1.1. and 2.1. of Appendix I, as determined as available and releasable.

1.1.2. One copy of CDRGX5NNNQ3136 (NSN 7644014320571)

1.1.3. Two (2) copies each of NGA technical publications, instructions, specifications and standards (including revisions/changes) related to ADRG/CADRG.

1.1.4. One (1) copy each of relevant releasable applications software and the format and media requirements for the production/finalization of ADRG/CADRG.

1.2. Consider any Ministry of Defence (MoD) request for conversion of MoD-produced topographic maps to a digitized (raster) format.

2. The Ministry of Defence (MoD) shall:

2.1. Automatically provide, free of charge to NGA, the material listed below:

2.1.1. One (1) copy of any MoD-produced raster digital topographic products or data.

2.1.2. Two (2) copies each of MoD technical publications, instructions, specifications and standards (including revisions/changes) related to raster digital data.

2.1.3. One (1) copy each of relevant releasable applications software, and the format and media requirements for the production/finalization of raster digital data.

2.2. Use the latest NGA ADRG/CADRG specifications for all MoD recompilation and/or updates to ADRG/CADRG data provided by NGA.

2.3. Use the latest NGA ADRG/CADRG specifications for all MoD production of new ADRG/CADRG data over the sovereign territory of the Republic of Latvia, or other specified areas.

2.4. Automatically provide free of charge to NGA, one (1) copy each of the latest edition of ADRG/CADRG data produced by MoD.

**APPENDIX IV
TO
IMPLEMENTING ANNEX A**

**REQUESTS FOR TOPOGRAPHIC PRODUCTS, DATA, PUBLICATIONS,
AND RELATED GEOSPATIAL INFORMATION AND SERVICES
MATERIALS**

1. At the sole discretion of the National Geospatial-Intelligence Agency (NGA), it may satisfy the Ministry of Defence (MoD) requests for copies of any NGA-produced hard copy/digital topographic products, data, publications, and related GIS materials, with the exception of those items subject to other bilateral agreements or other restrictions.
2. At the sole discretion of MoD, it may satisfy NGA requests for copies of any MoD-produced hard copy/digital topographic products, data, publications, and related GIS materials, with the exception of those items subject to other bilateral agreements or other restrictions.
3. Distribution of the items exchanged upon request will be as specified in Section 4 - "Shipment of Materials" of Implementing Annex A.

IMPLEMENTING ANNEX B
TO THE
BASIC EXCHANGE AND COOPERATIVE AGREEMENT

BETWEEN

THE MINISTRY OF DEFENCE
OF
THE REPUBLIC OF LATVIA

AND

THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
OF THE
DEPARTMENT OF DEFENSE
OF THE
UNITED STATES OF AMERICA

CONCERNING
GEOSPATIAL INFORMATION AND SERVICES COOPERATION

GEODETIC AND GEOPHYSICAL DATA, PUBLICATIONS, AND
RELATED GEOSPATIAL INFORMATION AND SERVICES MATERIALS

This Implementing Annex B Concerning Geodetic and Geophysical Data, Publications, and Related Geospatial Information and Services Materials is entered into pursuant to the Basic Exchange and Cooperative Agreement between the National Geospatial-Intelligence Agency of the Department of Defense of the United States of America and the Ministry of Defence of the Republic of Latvia Concerning Geospatial Information and Services Cooperation (hereinafter referred to as the Agreement).

1. PURPOSE

1. The purpose of this Implementing Annex is to define arrangements for the exchange of hard copy/ digital geodetic and geophysical data, publications, and related Geospatial Information and Services (GIS) materials and the provision of co-production support services of mutual interest between mapping organizations of the Department of Defense of the United States of America and the Ministry of Defence of the Republic of Latvia. The mapping organization of the United States of America is the National Geospatial-Intelligence Agency (NGA) and the mapping organization of the Republic of Latvia is the Ministry of Defence (MoD), hereinafter referred to as the Parties. In furtherance of this mutual objective, the Parties agree to the terms, procedures, and obligations set forth in this Implementing Annex.

2. MATERIALS TO BE EXCHANGED/ PROVIDED

2.1. All hard copy / digital geodetic and geophysical data, publications, and related GIS materials provided under this Implementing Annex shall be done according to the shipping instructions in Section 4 (below) - "Shipment of Materials."

2.1.1. Geodetic and Geophysical Data: Releasable hard copy / digital geodetic, geophysical, gravity and magnetic data accomplished by governmental or civilian organizations or activities, including indexes and final computations, shall be exchanged upon request.

2.1.2. Publications and related GIS materials: Copies of geodetic and geophysical publications and related GIS materials shall be exchanged as specified

in Appendix I without charge to either Party. Additional copies of geodetic and geophysical publications and related GIS materials provided for in Appendix I shall be requested in accordance with Appendix II and may be provided by either Party to the other.

3. COPYRIGHT, USE AND RELEASE RESTRICTIONS

3.1. Each Party shall honor the copyright, trademark, use and release restrictions on all hard copy / digital geodetic and geophysical data, publications and related GIS materials provided by the other Party relevant to this Implementing Annex in accordance with specific guidance from the providing Party at the time the hard copy / digital geodetic and geophysical data, publications and related GIS materials are transmitted.

3.2. Notwithstanding paragraph 3.1. above, each Party grants to the other a free (no cost) non-exclusive unlimited use license on either Party's produced or provided hard copy/ digital geodetic and geophysical data, publications and related GIS materials that shall be used as source materials by either Party in the production of hard copy/ digital geodetic and geophysical data, publications and related GIS materials for use by either Party's Government.

3.3. The Parties will mutually determine title to and use of co-produced products, information and related GIS materials.

4. SHIPMENT OF MATERIALS

4.1. All shipments of hard copy/ digital geodetic and geophysical data, publications and related GIS materials by either Party to the other shall be accompanied by appropriate transmittal documents that list the contents of the shipment. Two or three copies of the transmittal shall be prepared: one advance copy shall be forwarded to the consignee by mail immediately prior to shipment, and one copy shall be enclosed in the shipment (two copies if return receipt is required). There shall be no advance copies of transmittals for Automatic Distribution.

4.2. All hard copy/ digital geodetic and geophysical data, publications, and related GIS materials to be exchanged under this Implementing Annex shall be sent free of freight charges. All shipment costs shall be borne by the sending Party.

4.3. All packages shall be clearly marked with the notation "UNITED STATES/REPUBLIC OF LATVIA BILATERAL GIS AGREEMENT EXCHANGE MATERIAL- NON REIMBURSABLE."

4.4. The following addresses should be used for shipments of all hard copy/ digital geodetic and geophysical data, publications and related GIS materials:

4.4.1. TO THE UNITED STATES OF AMERICA:

4.4.1.1. MoD-produced hard copy / digital geodetic and geophysical data, publications, and related GIS materials, send to:

National Geospatial-Intelligence Agency
ATTN: OIPE, Mail Stop D-136
4600 Sangamore Road
Bethesda, MD 20816-5003 U.S.A.
TELEPHONE: +1- 301- 227-7950
FAX: +1 - 301- 227-2303

4.4.1.2. Requests for additional stock of NGA-produced hard copy / digital geodetic and geophysical data, publications, and related GIS materials, send to:

National Geospatial-Intelligence Agency
ATTN: OIPRE, Mail Stop D-136
4600 Sangamore Road
Bethesda, MD 20816-5003 U.S.A.
TELEPHONE: + 1 - 301 - 227-7950
FAX: + 1 - 301 - 227-2303

4.4.2. TO THE REPUBLIC OF LATVIA:

4.4.2.1. NGA-produced hard copy / digital geodetic and geophysical data, publications, and related GIS materials, send to:

Ministry of Defence
ATTN: Geospatial Information Advisor
to the State Secretary
10/12 Kr. Valdemara Str.
Riga, LV-1473
Republic of Latvia
TELEPHONE: + 371-7-33-51-84
FAX: + 371 -7-21-23-07

4.4.2.2. Requests for additional stock of MoD-produced hard copy/ digital geodetic and geophysical data, publications, and related GIS materials, send to:

Ministry of Defence
ATTN: Geospatial Information Advisor
to the State Secretary
10/12 Kr. Valdemāra Str.
Riga, LV-1473
Republic of Latvia
TELEPHONE: + 371-7-33-51-84
FAX: + 371-7-21-23-07

5. REVISIONS

5. Transmittals of new indexes and notification by either Party of discontinued hard copy/digital geodetic and geophysical data, publications, and related GIS materials shall automatically constitute revisions to this Implementing Annex in accordance with ARTICLE XIV, (AMENDMENT, TERMINATION, ENTRY INTO EFFECT AND DURATION) of the Agreement.

6. RETURN OF MATERIALS

6. In the event of termination of the Agreement or this Implementing Annex, all hard copy / digital geodetic and geophysical data, publications, and related GIS materials that have already been exchanged, excluding hard copy / digital geodetic and geophysical data, publications, and related GIS materials on loan, need not be returned and shall remain the property of the holder unless otherwise agreed.

7. VALIDITY

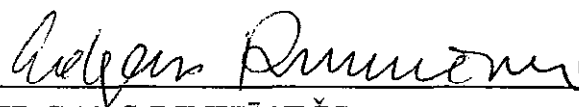
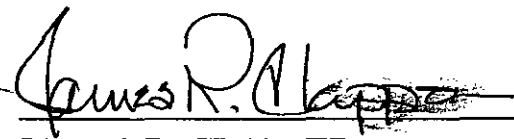
7. This Implementing Annex shall enter into effect on the date of the last signature and shall remain in effect in accordance with ARTICLE XIV, (AMENDMENT, TERMINATION, ENTRY INTO EFFECT AND DURATION) of the Agreement.

8. SIGNATURES

IN WITNESS WHEREOF, the undersigned, being duly authorized, have signed this Implementing Annex. Prepared in duplicate, in the English and Latvian languages, each of which shall be of equal authenticity. One copy in each language shall be duly signed and exchanged between the Parties.

FOR THE MINISTRY OF DEFENCE
OF THE REPUBLIC OF LATVIA

FOR THE NATIONAL GEOSPATIAL-
INTELLIGENCE AGENCY
DEPARTMENT OF DEFENSE
UNITED STATES OF AMERICA

 _____ EDGARS RINKĒVIČS State Secretary	 _____ JAMES R. CLAPPER Lieutenant General, USAF (Ret.) Director, National Geospatial- Intelligence Agency
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18.05.2004.

Date

Riga

Location

18, 05, 2004

Date

Riga, Latvia

Location

**APPENDIX I
TO
IMPLEMENTING ANNEX B**

**EXCHANGE OF GEODETIC AND GEOPHYSICAL DATA,
PUBLICATIONS AND RELATED GEOSPATIAL INFORMATION AND
SERVICES MATERIALS**

1. The National Geospatial-Intelligence Agency (NGA) shall, upon request and free of charge, provide each of the following in hard copy, magnetic tape, CD-ROM, or other available media, as appropriate, to the Ministry of Defence (MoD):

1.1. Precise Positioning System (GPS) ephemerides.

1.2. Geodetic point positioning data, to include satellite derived positional data of releasable areas.

1.3. Releasable Marine Gravity Data for selected geographic regions of interest in open ocean waters.

1.4. Publications and related Geospatial Information and Services (GIS) materials.

2. MoD shall, upon request and free of charge, provide each of the following in hard copy, magnetic tape, CD-ROM, or other available media, as appropriate and agreed upon, to NGA:

2.1. Geodetic point positioning data, to include satellite derived positional data over the sovereign territory of the Republic of Latvia.

2.2. Land and Marine Gravity Data over the sovereign territory of the Republic of Latvia and the territorial waters of the Republic of Latvia.

2.3. Publications and related GIS materials.

**APPENDIX II
TO
IMPLEMENTING ANNEX B**

**REQUESTS FOR GEODETIC AND GEOPHYSICAL DATA AND
RELATED
GEOSPATIAL INFORMATION AND SERVICES MATERIALS**

1. At the sole discretion of the National Geospatial-Intelligence Agency (NGA), it may satisfy Ministry of Defence (MoD) requests for copies of any NGA-produced hard copy / digital geodetic and geophysical data, publications and related Geospatial Information and Services (GIS) materials, with the exception of those items subject to other bilateral agreements or other restrictions.
2. At the sole discretion of the MoD, it may satisfy NGA requests for copies of any MoD - produced hard copy / digital geodetic and geophysical data, publications, and related GIS materials, with the exception of those items subject to other bilateral agreements or other restrictions.
3. Distribution of the items exchanged upon request shall be as specified in Section 4 - "Shipment of Materials" of Implementing Annex B.